

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040080574"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:00
S2	7057	(nozzle with diameter) same ("12" and "22")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:21
S3	63301	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:01
S4	125	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 08:37
S5	311	(nozzle near4 diameter) with ("."mu.m" micrometer micro\$3meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:32
S6	79	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:21
S7	0	(nozzle near4 diameter) with ".mu.m"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:36
S8	0	(nozzle near4 diameter) same ".mu.m"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:33
S9	0	(nozzle near4 diameter) same ".mu.m"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:33
S10	0	(nozzle near4 diameter) same "(.mu.m)"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:33
S11	0	(nozzle near4 diameter) with "mu\$1m"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:37

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S12	22	(nozzle near4 diameter) with "mum"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:38
S13	113	(nozzle near4 diameter) same "mum"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:38
S14	1	S3 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 07:38
S15	2	S2 and S3 and (picoliter picolitre "pL") and (ink near4 water) and temperature and "uv"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 08:39
S16	5	("4228438"   "4391369"   "4484948"   "6513916"   "6779860").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:39
S17	10	("20020047152"   "4643948"   "5119116"   "5985759"   "6121134"   "6316360"   "6380625"   "6390609"   "6641254"   "6737109").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:45
S18	474	(volatile adj component) with ink	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:52
S19	249	S3 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:45
S20	13	((volatile adj component) with ink) and (picoliter picolitre pico\$3liter)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:35
S21	9	S20 and viscosity	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:48
S22	15	((volatile adj component) with ink) and (uv adj (cure curable))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 08:54
S23	14	((volatile adj component) with ink) and (uv adj (cure curable)) and viscosity	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:18
S24	14	((volatile adj component) with ink) and (uv adj (cure curable)) and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:19
S25	2	jp-2000141655-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:20
S26	2	jp-2001311783-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:21
S27	2	"6620227".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:22

## EAST Search History

S28	59	(print\$3head adj operat\$3 adj temperature) and "30"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:22
S29	10	(print\$3head adj operat\$3 adj temperature) same "30"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:22
S30	149	((volatile adj component) with ink) and (picoliter picolitre pico\$3liter (ink with volume))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:36
S31	111	S3 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:35
S32	0	S28 and S31	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:35
S33	111	S3 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:36
S34	5	((no adj volatile adj component) with ink) and (picoliter picolitre pico\$3liter (ink with volume))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:20
S35	5	((no adj volatile adj component) with ink) and (picoliter picolitre pico\$3liter (ink with volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:37
S36	15	(no adj volatile adj component) with ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:37
S37	8789	(no adj volatile adj component) (aqueous adj ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:15
S38	1799	347/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:15
S39	586	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:15
S40	5	S39 and (no adj solvent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:16
S41	51	(no adj solvent) and (aqueous adj ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:19

## EAST Search History

S42	63301	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:16
S43	15	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:16
S44	281	(no near4 solvent) and (aqueous adj ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:19
S45	76	S42 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:19
S46	13	(no near4 solvent) with (aqueous adj ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:19
S47	0	(no adj volatile adj component) with ((aqueous liquid) with ink)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:21
S48	7	(no adj volatile adj component) same ((aqueous liquid) with ink)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:21
S49	2	S42 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:21
S50	15	(no adj volatile adj component) and ((aqueous liquid) with ink)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:23
S51	8527	((aqueous liquid) with ink) same composition	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:23
S52	4605	(aqueous with ink) same composition	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:24
S53	951	S42 and S52	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:24
S54	858	S53 and solvent	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:24
S55	3	S53 and (solvent\$2less)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:27
S56	5	S53 and (solvent\$2less solvent\$3free)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:30
S57	411	(solvent adj (free less)) with ink	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 10:30
S58	590	(solvent adj (free less)) with ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:30

## EAST Search History

S59	53	S42 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:30
S60	210	((drop with volume) and pico\$2liter) and (nozzle with diameter) and (ink with viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:58
S61	65107	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:58
S62	183	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:58
S63	35	((drop with volume) and pico\$2liter) and ((nozzle with diameter) same (microns micro\$2meter)) and (ink with viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:00
S64	34	S61 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:00